

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail**

**Mail Stop ISSUE FEE**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, Virginia 22313-1450**  
**or Fax (703) 746-4000**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

7590 12/29/2003  
 Kennametal Inc.  
 P.O. Box 231  
 Latrobe, PA 15650-0231



Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

John J. Prizzi (Depositor's name)  
 [Signature] (Signature)  
 March 23, 2004 (Date)

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/033,051      | 10/25/2001  | Pankaj K. Mehrotra   | K-1436PD            | 7840             |

TITLE OF INVENTION: PROCESS FOR HEAT TREATING CERAMICS AND ARTICLES OF MANUFACTURE MADE THEREBY

| APPLN. TYPE    | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE   |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO           | \$1330    | \$300           | \$1630           | 03/29/2004 |

| EXAMINER                | ART UNIT | CLASS-SUBCLASS |
|-------------------------|----------|----------------|
| FIORILLA, CHRISTOPHER A | 1731     | 264-604000     |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 John J. Prizzi  
 2  
 3

## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Kennametal PC Inc.

(B) RESIDENCE: (CITY AND STATE OR COUNTRY)

Monrovia, CA

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

## 4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
☒ Publication Fee  
☐ Advance Order - # of Copies \_\_\_\_\_

## 4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.  
☐ Payment by credit card. Form PTO-2038 is attached.  
☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 502867 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) [Signature] (Date) March 23, 2004

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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03/26/2004 MBERHE1 00000162 502867 10033051

01 FC:1501 1330.00 DA  
 02 FC:1504 300.00 DA

TRANSMIT THIS FORM WITH FEE(S)

**TRANSMITTAL OF PAYMENT OF ISSUE FEE (Large Entity)**  
(37 C.F.R. 1.311)

Docket No.  
K-1436PD

Applicant(s): PANKAJ K. MEHROTRA et al.

MAR 25 2004

Serial No.

10/033,051

Filing Date

October 25, 2001

Christopher Fiorilla

Group Art Unit

1731

Confirmation No.

7840

Invention: **PROCESS FOR HEAT TREATING CERAMICS AND ARTICLES OF MANUFACTURE MADE THEREBY**

**Mail Stop Issue Fee  
TO THE COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450**

Transmitted herewith are the following for the above-identified application.

☒ Issue Fee Transmittal Form PTOL-85

☒ Utility Fee: \$ 1330.00 ☐ Design Fee: ☐ Plant Fee:

☒ Publication Fee: \$ 300.00

☐ A check in the amount of is attached.

☒ The Director is hereby authorized to charge and credit Deposit Account No. 502867 as described below.

☒ Charge the amount of \$1,630.00

☒ Credit any overpayment.

☒ Charge any additional fee required.

*John J. Prizzi*  
Signature

Dated: March 23, 2004

John J. Prizzi  
Reg. No. 29,970  
Kennametal Inc.  
P. O. Box 231  
1600 Technology Way  
Latrobe, PA 15650-0231  
Phone: 724-539-5331  
Fax: 724-539-5903

CC:

**Certificate of Transmission by Facsimile**  
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by deposit account.

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States and Trademark Office (Fax ) on

Date

Signature

Typed or Printed Name of Person Signing Certificate

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I certify that this document and fee is being deposited March 23, 2004 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*John J. Prizzi*  
Signature of Person Mailing Correspondence

John J. Prizzi

Typed or Printed Name of Person Mailing Correspondence



# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) \$1,630.00

## Complete if Known

|                      |                         |
|----------------------|-------------------------|
| Application Number   | 10/033,051              |
| Filing Date          | October 25, 2001        |
| First Named Inventor | Pankaj K. Mehrotra      |
| Examiner Name        | Christopher A. Fiorilla |
| Art Unit             | 1731                    |
| Attorney Docket No.  | K-1436PD                |

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit  
Account  
Number

502867

Deposit  
Account  
Name

Kennametal Inc.-MSSG

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity |          | Small Entity |          | Fee Description        | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |                        |          |
| 1001         | 770      | 2001         | 385      | Utility filing fee     |          |
| 1002         | 340      | 2002         | 170      | Design filing fee      |          |
| 1003         | 530      | 2003         | 265      | Plant filing fee       |          |
| 1004         | 770      | 2004         | 385      | Reissue filing fee     |          |
| 1005         | 160      | 2005         | 80       | Provisional filing fee |          |
| SUBTOTAL (1) |          |              |          | (\$)                   | \$0.00   |

### 2. EXTRA CLAIM FEES FOR UTILITY AND

| Extra Claims       |         | Fee from below | Fee Paid |
|--------------------|---------|----------------|----------|
| Total Claims       | -20** = |                |          |
| Independent Claims | -3** =  |                |          |
| Multiple Dependent |         |                |          |

| Large Entity |          | Small Entity |          | Fee Description  |
|--------------|----------|--------------|----------|--|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |  |
| 1202         | 18       | 2202         | 9        | Claims in excess of 20                                     |
| 1201         | 86       | 2201         | 43       | Independent claims in excess of 3                          |
| 1203         | 290      | 2203         | 145      | Multiple dependent claim, if not paid                      |
| 1204         | 86       | 2204         | 43       | ** Reissue independent claims over original patent         |
| 1205         | 18       | 2205         | 9        | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$) \$0.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Entity                        |          | Small Entity |          | Fee Description  | Fee Paid |
|-------------------------------------|----------|--------------|----------|--|----------|
| Fee Code                            | Fee (\$) | Fee Code     | Fee (\$) |  |          |
| 1051                                | 130      | 2051         | 65       | Surcharge - late filing fee or oath  |          |
| 1052                                | 50       | 2052         | 25       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 1053                                | 130      | 1053         | 130      | Non - English specification  |          |
| 1812                                | 2,520    | 1812         | 2,520    | For filing a request for ex parte reexamination                            |          |
| 1804                                | 920*     | 1804         | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805                                | 1,840*   | 1805         | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251                                | 110      | 2251         | 55       | Extension for reply within first month                                     |          |
| 1252                                | 420      | 2252         | 210      | Extension for reply within second month                                    |          |
| 1253                                | 950      | 2253         | 475      | Extension for reply within third month                                     |          |
| 1254                                | 1,480    | 2254         | 740      | Extension for reply within fourth month                                    |          |
| 1255                                | 2,010    | 2255         | 1,005    | Extension for reply within fifth month                                     |          |
| 1401                                | 330      | 2401         | 165      | Notice of Appeal   |          |
| 1402                                | 330      | 2402         | 165      | Filing a brief in support of an appeal                                     |          |
| 1403                                | 290      | 2403         | 145      | Request for oral hearing   |          |
| 1451                                | 1,510    | 1451         | 1,510    | Petition to institute a public use proceeding                              |          |
| 1452                                | 110      | 2452         | 55       | Petition to revive - unavoidable   |          |
| 1453                                | 1,330    | 2453         | 665      | Petition to revive - unintentional   |          |
| 1501                                | 1,330    | 2501         | 665      | Utility issue fee (or reissue)   | 1,330.00 |
| 1502                                | 480      | 2502         | 240      | Design issue fee   |          |
| 1503                                | 640      | 2503         | 320      | Plant issue fee  |          |
| 1460                                | 130      | 1460         | 130      | Petitions to the Commissioner  |          |
| 1807                                | 50       | 1807         | 50       | Processing fee under 37 CFR § 1.17(q)                                      |          |
| 1806                                | 180      | 1806         | 180      | Submission of Information Disclosure Statement                             |          |
| 8021                                | 40       | 8021         | 40       | Recording each patent assignment per property (times number of properties) |          |
| 1809                                | 770      | 2809         | 385      | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 1810                                | 770      | 2810         | 385      | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 1801                                | 770      | 2801         | 385      | Request for Continued Examination (RCE)                                    |          |
| 1802                                | 900      | 1802         | 900      | Request for expedited examination of a design application                  |          |
| Other fee (specify) Publication Fee |          |              |          |  | 300.00   |

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) \$1,630.00

## SUBMITTED BY

|                   |                |                                   |                |           |              |
|-------------------|----------------|-----------------------------------|----------------|-----------|--------------|
| Name (Print/Type) | John J. Prizzi | Registration No. (Attorney/Agent) | 29,970         | Telephone | 724-539-5331 |
| Signature         |                | Date                              | March 23, 2004 |           |              |

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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